



Fresh air in your house!



# VKM Series *For High Static Pressure Application* INLINE CENTRIFUGAL FANS



VENTS VKM inline centrifugal duct fans are designed for residential and commercial ventilation applications. The fan's housing is made of steel with polymer coating. The quiet and efficient backward curved impeller is capable of operating in high pressure systems. In-line configuration simplifies installation. All VKM models are designed for standard diameter round ducting. VENTS VKM inline duct fans can eliminate many ventilation problems. They are designed to boost airflow through long or complex duct runs and provide ideal solutions for residential and commercial applications. The most common uses are bathroom exhaust, range hood exhaust and duct boosting. VENTS VKM sizes range from 4" to 12", with airflows ranging up to 985 CFM. The VKM series fans are specifically for simple installation and maintenance free operation.

## Applications

- Bathroom exhaust
- Kitchen ventilation
- Living area
- Whole house ventilation
- Duct boosting
- Workshops & smoking areas
- Offices
- Bars & Restaurants
- Warehouses

## Benefits

- High air volume and static pressure applications
- Quiet & efficient, vibration free operation
- Durable and corrosion resistant casing
- Reliable external rotor motor design
- Permanently lubricated ball bearing motor for maintenance free operation
- Automatic reset thermal overload protection
- Pre-wired and supplied with mounting bracket for easy installation
- Rated for continuous operation
- Strong construction for long life
- ETL listed
- Five year warranty



Ventilation example based on VKM fan

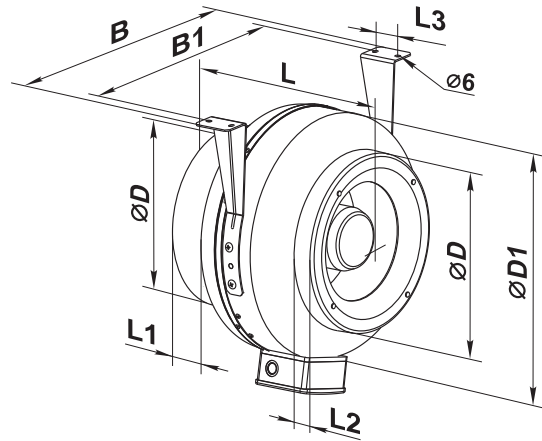
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## Dimensions

Model	Measurements [in.]								lbs
	Ø D	Ø D1	B	B1	L	L1	L2	L3	
VKM 100	3 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	0 13/16"	1"	1 3/16"	9.7
VKM 125	4 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	0 13/16"	1"	1 3/16"	9.5
VKM 150	5 7/8"	11 15/16"	13 3/4"	12 3/16"	8 11/16"	1"	1"	1 3/16"	11.9
VKM 200	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"	14.6
VKMS 200	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"	14.6
VKM 250	9 13/16"	13 9/16"	15 3/8"	13 3/4"	9 3/16"	1"	1 1/4"	1 9/16"	16.1
VKM 305	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	0 15/16"	1 3/16"	1 9/16"	17.6
VKMS 305	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	0 15/16"	1 3/16"	1 9/16"	17.6



## Performance

Model	Duct dia	RPM*	Sones	Watts*	Amps*	CFM vs. Static Pressure (Ps) in WG											Volts
						0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	2.5"	
VKM 100	4"	3000	6.91	108	0.90	174	167	162	159	151	142	124	106	84	60	-	120
VKM 125	5"	2950	6.80	112	0.97	239	228	222	217	205	192	165	130	102	72	-	120
VKM 150	6"	2400	6.60	110	0.90	325	292	275	265	241	214	172	139	107	67	-	120
VKM 200	8"	2520	7.60	195	1.63	541	502	480	464	428	391	320	265	222	183	36	120
VKMS 200	8"	2745	8.30	240	2.14	657	640	632	625	608	590	550	498	434	370	112	120
VKM 250	10"	2516	8.20	232	1.95	678	638	613	599	550	479	408	340	292	248	90	120
VKM 305	12"	2981	8.35	244	2.10	784	756	738	727	698	669	611	542	480	428	168	120
VKMS 305	12"	2320	8.42	272	2.42	985	920	890	869	818	773	680	594	512	441	210	120

\* The parameters Volts, Watts, Amps are indicated at 0.2 in WG static pressure

## Specification

Voltage: 120 V, 60 Hz

Motor: Single-phase external rotor motor with backward curved centrifugal impellers

Duct compatibility: 4", 5", 6", 8", 10", 12"

Airflow capacity: up to 985 CFM

Sones: 5.4 – 8.42

Power consumption: 25 – 272 W

Suitable for working airstreams up to 113 °F

IPX4 protection

Thermal overload protection

Mounting bracket and power cord included

Five year warranty

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